

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/000112

A. CLASSIFICATION OF SUBJECT MATTER
Int.Cl⁷ C04B35/64

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ C04B35/60-35/84, B01J21/00-38/74, B01D39/00-41/04,
B04B35/00-35/22Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2005
Kokai Jitsuyo Shinan Koho 1971-2005 Toroku Jitsuyo Shinan Koho 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 05-085813 A (Kyocera Corp.), 06 April, 1993 (06.04.93), Par. Nos. [0012], [0023] to [0025]; table 4; Fig. 5 (Family: none)	1
Y	JP 2001-334154 A (Hitachi Metals, Ltd.), 04 December, 2001 (04.12.01), Par. No. [0023]; table 2(Nos.1 to 12) (Family: none)	1-9
Y	JP 05-085856 A (NGK Insulators, Ltd.), 06 April, 1993 (06.04.93), Par. Nos. [0009] to [0011]; table 1(4) & US 5262102 A Column 4, lines 20 to 34; table 1(4) & EP 0535872 A1	1

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
26 January, 2005 (26.01.05)Date of mailing of the international search report
15 February, 2005 (15.02.05)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

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PCT/JP2005/000112

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 02-255576 A (NGK Insulators, Ltd.), 16 October, 1990 (16.10.90), Page 2, lower left column; table 1(3) (Family: none)	1
Y	JP 11-092214 A (Corning Inc.), 06 April, 1999 (06.04.99), Table 2(26, 28 to 30) & US 6004501 A (CORNING INC.), 21 December, 1999 (21.12.99), Table 2(Nos. 26, 28 to 30)	1
Y	US 6048490 A (CORNING INC.), 11 April, 2000 (11.04.00), Table 2(No.52) & US 6210626 B1 (CORNING INC.), 03 April, 2001 (03.04.01), Table 2(No. 52) & EP 0894776 A1	1
Y	JP 2003-277162 A (NGK Insulators, Ltd.), 02 October, 2003 (02.10.03), Table 2(4), 3; examples 2, 4; comparative examples 1, 3 to 5; Par. Nos. [0059], [0031], [0075] & US 2003/0143370 A1 31 July, 2003 (31.07.03), Table 2(4), 3; examples 2, 4; comparative examples 1, 3 to 5; Par. Nos. [0071], [0045], [0092]	1-9
A	JP 2003-040687 A (NGK Insulators, Ltd.), 13 February, 2003 (13.02.03), Par. Nos. [0015], [0016] & US 2003/0166450 A1 04 April, 2003 (04.04.03), Par. Nos. [0022], [0023]	1-9
A	JP 2003-212672 A (NGK Insulators, Ltd.), 30 July, 2003 (30.07.03), Par. Nos. [0006] to [0010] & US 2003/0151155 A1 14 April, 2003 (14.04.03), Par. Nos. [0007] to [0013]	1-9
A	JP 2001-519310 W (Corning Inc.), 23 October, 2001 (23.10.01), Table 3 & WO 1999/018047 A1 15 April, 1999 (15.04.99), Table III	1

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